



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q79028

David SHAFER, et al.

Appln. No.: 10/734,623

Group Art Unit: 2873

Confirmation No.: 2006

Examiner: Not Yet Assigned

Filed: December 15, 2003

For: CATADIOPTIC PROJECTION OBJECTIVE WITH GEOMETRIC BEAM SPLITTING

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

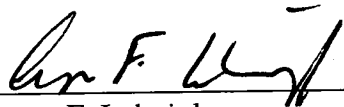
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In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: concise statements of relevance for the foreign language documents being submitted are found in the Background discussion of the above-identified application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
George F. Lehnigk  
Registration No. 36,359

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

GFL/plr  
Date: July 22, 2004



Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b> <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/734,623
				Confirmation Number	2006
				Filing Date	December 15, 2003
				First Named Inventor	David SHAFER
				Art Unit	2873
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	Q79028

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>3</sup> (if known)		
		US 4,779,966	A	10/1988	FRIEDMAN
		US 4,953,960	A	9/1990	WILLIAMSON
		US 5,052,763	A	10/1991	SINGH ET AL
		US 5,220,454	A	6/1993	ICHIHARA ET AL.
		US 5,289,312	A	2/1994	HASHIMOTO ET AL.
		US 5,636,066	A	6/1997	TAKAHASHI
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		US 6,195,213	B1	2/2001	OMURA ET AL.
		US 6,496,306	B1	12/2002	SHAFER ET AL.
		US 2003/0021040	A1	1/2003	EPPL ET AL
		RE 36740	E	6/2000	ICHIHARA ET AL.

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 604 093	B1	6/29/1994	NIKON CORPORATION	
		EP	1 115 019	A2	7/11/2001	CARL ZEISS	
		WO	03/050587	A3	6/19/2003	CARL ZEISS SEMICONDUCTOR MANUFACTURING TECHNOLOGIES	
		EP	1 191 378	A1	3/27/2002	NIKON CORPORATION	
		WO	03/036361	A1	5/1/2003	NIKON CORPORATION	Abstract
		JP	2002-372668		12/26/2002	NIKON CORPORATION	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	
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